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1 [Offline count-limited certificates](#)

Luis F. G. Sarmiento, Marten van Dijk, Jonathan Rhodes, Srinivas Devadas

March 2008

SAC '08: Proceedings of the 2008 ACM symposium on Applied computing

Publisher: ACM

Full text available [PDF](#) (202.11 KB)

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In this paper, we present the idea of *offline count-limited certificates* (or *clics* for short), and can be implemented using minimal trusted hardware functionality already widely available today. limited ...

Keywords: authentication, offline payments, smartcards, trusted platform module (TPM)

2 [Protecting Mobile Web-Commerce Agents with Smartcards](#)

Ratan Farnoosh

Autonomous Agents and Multi-Agent Systems, Volume 4 Issue 4

Publisher: Kluwer Academic Publishers

Full text available [PDF](#) Publisher Site

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a.

Mobile agents add a new communication paradigm to traditional network communication mechanism. pervasiveness of publicly available mobile agent platforms is not given. Offering a seamless integration into the WWW is crucial ...

Keywords: electronic commerce, mobile agents, security, smart card, trusted computing base

3 [Portable security transaction protocol](#)

Genn Banskou

February 2007 Computer Networks: The International Journal of Computer and Telecommunications Networking, Volume 51 Issue 3

Publisher: Elsevier North-Holland, Inc.

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a.

The Portal Security Transaction Protocol (PSTP) is a new signature technology that adds signature-time password technology. PSTP was developed to secure transactions in the financial services. PSTP may be applicable ...

Keywords: Authentication, Bank, Consequential evidence, Data integrity, Entropy, Financial institution management, Non-repudiation, One-time password, PKI, Security, Security protocols, Signature

4 [Securing the e-health cloud](#)

Hans Lehr, Anwar Raza Sadeghi, Marcel Wundt

November 2010

IHI '10: Proceedings of the 1st ACM International Health Informatics

Publisher: ACM

Full text available [PDF](#) (1.00 MB)

Bibliometrics Downloads (6 Weeks): 12, Downloads (12 Months): 20, Downloads (Overall): 20, CI

Modern information technology is increasingly used in healthcare with the goal to improve and services and to reduce costs. In this context, the outsourcing of computation and storage resource providers (cloud computing) ...

Keywords: client platform security, e-health, information flow, isolation, security architecture

5 [A taxonomy for key escrow encryption systems](#)

Dorothy F. Denning, Dennis K. Brumag

March 1996

Communications of the ACM , Volume 39 Issue 3

Publisher: ACM [Request Permissions](#)Full text available [PDF](#) (548 67 KB)**Bibliometrics** Downloads (6 Weeks): 7, Downloads (12 Months): 88, Downloads (Overall): 908, [Citations](#)6 [Strong Security for Network Attached Storage](#)

Ritnan Miller, David Long, William Freeman, Benjamin Reed

January 2002

FAST '02: Proceedings of the 1st USENIX Conference on File and Storage

Publisher: USENIX Association

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,7 [UNINETT PCA Policy Statements](#)

N. Berge

December 1995

UNINETT PCA Policy Statements

Publisher: RFC Editor

Full text available [PDF](#) (19 09 KB)**Bibliometrics** Downloads (6 Weeks): 0, Downloads (12 Months): 0, Downloads (Overall): 2, [Citations](#)8 [Securing the core with an Enterprise Key Management Infrastructure \(EKMI\)](#)

Arabad Noor



March 2008

IDtrust '08: Proceedings of the 7th symposium on Identity and trust on the

Publisher: ACM

Full text available [PDF](#) (559 99 KB)**Bibliometrics** Downloads (6 Weeks): 4, Downloads (12 Months): 81, Downloads (Overall): 322, [Citations](#)

The last twenty-five years has witnessed an emphasis on protecting the network and computing protecting data from unauthorized access. While this was a reasonable strategy at the dawn of computing, given the state of ...

Keywords: XML encryption (XENC), XML signature (DSIG), enterprise key management infrastructure (EKMI), public key infrastructure (PKI), symmetric key client library (SKCL), symmetric key management system (SKMS), symmetric key services (SKS), symmetric key services markup language (SKSM)

9 [Risks to the public](#)

Peter G. Neumann



September 2007

SIGSOFT Software Engineering Notes , Volume 32 Issue 5

Publisher: ACM

Full text available [PDF](#) (304 74 KB)**Bibliometrics** Downloads (6 Weeks): 3, Downloads (12 Months): 51, Downloads (Overall): 513, [Citations](#)10 [Secure coprocessors in electronic commerce applications](#)

Bennet Yee, J. D. Tygar

July 1995

WOEC'95: Proceedings of the 1st conference on USENIX Workshop on Electronic

Volume 1 , Volume 1

Publisher: USENIX Association

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,

Many researchers believe electronic wallets (secure storage devices that maintain account balance solution to electronic commerce challenges. This paper argues for a more powerful model--a secure that can run a small operating ...

11 [Towards a trusted mobile desktop](#)

Marcel Seifert, Christian Stubbe, Florian Feldmann, Ute Gaisler

June 2010

TRUST'10: Proceedings of the 3rd international conference on Trust and trustw

Publisher: Springer-Verlag

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,

Today's mobile phone platforms are powerful enough to be used as personal assistants that render complex document formats. However, short development cycles in combination with high complexity extendability make these devices not secure ...

12 [A Framework for IP Based Virtual Private Networks](#)

S. Glesson, A. Lin, J. Melninen, G. Armitage, A. Maitis

February 2000

A Framework for IP Based Virtual Private Networks

Publisher: RFC Editor

Full text available [PDF](#) (163.22 KB)**Bibliometrics** Downloads (6 Weeks): 4, Downloads (12 Months): 4, Downloads (Overall): 144, Citations: 0

This document describes a framework for Virtual Private Networks (VPNs) running across IP back discusses the various different types of VPNs, their respective requirements, and proposes specif that could be used to implement each ...

13 [Stateless data concealment for distributed systems](#)

Rachid Anane, Sukhvjit Dhillon, Bohzac Bordbar


March 2008

Journal of Computer and System Sciences, Volume 74 Issue 2

Publisher: Academic Press, Inc.

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citations: 0

With the growing number of Web applications and their variety, the need to prevent unauthorised and to ensure data integrity in distributed systems has led to an increasing reliance on encryption typical encryption process ...


Keywords: Data concealment, Distributed system, Encryption, Security**14** [mFerio: the design and evaluation of a peer-to-peer mobile payment system](#) Ramesh Krishna Rajan, Narayan Ramasubbu, Komar Prakhobphol, Nicolas Christin, Jason Hwang

June 2009

MobiSys '09: Proceedings of the 7th international conference on Mobile systems, applications and services

Publisher: ACM [Request Permissions](#)Full text available [PDF](#) (930.75 KB)**Bibliometrics** Downloads (6 Weeks): 16, Downloads (12 Months): 309, Downloads (Overall): 549, Citations: 0

In this paper, we present the design and evaluation of a near-field communication-based mobile application, called mFerio, that is designed to replace cash-based transactions. We first identify c payment systems should ...

Keywords: digital wallet, mobile computing, mobile payment, near-field communication, nfc, p2 study**15** [Security as a new dimension in embedded system design](#) Paul Kocher, Ruby Lee, Gary McGraw, Anand Raghunathan / Srivams Rav

June 2004

DAC '04: Proceedings of the 41st annual Design Automation Conference

Publisher: ACM [Request Permissions](#)Full text available [PDF](#) (209.10 KB)**Bibliometrics** Downloads (6 Weeks): 51, Downloads (12 Months): 414, Downloads (Overall): 4786, Citations: 0

The growing number of instances of breaches in information security in the last few years has cr case for efforts towards secure electronic systems. Embedded systems, which will be ubiquitously store, manipulate, and ...

Keywords: PDAs, architectures, battery life, cryptography, design, design methodologies, digital management, embedded systems, performance, security, security processing, security protocols attacks, tamper resistance, trusted computing, viruses**16** [interactions: Volume 16 Issue 1](#) January 2009

Interactions

Publisher: ACM

Full text available [Digital Edition](#), [PDF](#) (6.70 MB)**Bibliometrics** Downloads (6 Weeks): 53, Downloads (12 Months): 53, Downloads (Overall): 224, Citations: 0**17** [Security analysis of the palm operating system and its weaknesses against malicious code](#)

Kingsin Kingpin, Mudge Mudge

August 2001

SSYM '01: Proceedings of the 10th conference on USENIX Security Symposium Volume 10

Publisher: USENIX Association

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,

Portable devices, such as Personal Digital Assistants (PDAs), are particularly vulnerable to malice due to their widespread implementation and current lack of a security framework. Although well security industry to be insecure, ...

18 [Security analysis of the palm operating system and its weaknesses against malicious code](#)
Kingsie Kinsan, Mudge Mudge

August 2001 **SSYM'01: Proceedings of the 10th conference on USENIX Security Symposium**
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Publisher: USENIX Association

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Portable devices, such as Personal Digital Assistants (PDAs), are particularly vulnerable to malice due to their widespread implementation and current lack of a security framework. Although well security industry to be insecure, ...

19 [Lest we remember: cold boot attacks on encryption keys](#)

J. Alex Halderman, Seth D. Schoen, Nadia Heninger, William Clarkson, William Paul, Joseph A. Calla, Feldman, Jacob Appelbaum, Edward W. Felt

July 2008 **SS'08: Proceedings of the 17th conference on Security symposium**

Publisher: USENIX Association

Bibliometrics Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a,

Contrary to popular assumption, DRAMs used in most modern computers retain their contents for after power is lost, even at room temperature and even if removed from a motherboard. Although less reliable when they are not ...

20 [Communications of the ACM: Volume 53 Issue 3](#)

 March 2010

Communications of the ACM

Publisher: ACM

Full text available: [PDF Digital Edition](#), [PDF](#) (5.97 MB)

Bibliometrics Downloads (6 Weeks): 49, Downloads (12 Months): 49, Downloads (Overall): 49, [CI](#)

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